SUPPLEMENTAL JOB DESCRIPTION

Classification: Systems Development Specialist VI   Function Code: 8999-003

Position Title: Web Applications Developer   Date Established: 8/15/88

Position Number: 10611   Date of Last Amendment: 10/30/09

SCOPE OF WORK: **SCOPE OF WORK**: Designs and coordinates complex web-based applications that are critical to the State, its business partners, and the general public. Works directly with agency management and business users to analyze, define, develop, test, document, and deploy transactional applications and databases that support the state's business objectives.

ACCOUNTABILITIES:

- Defines detailed requirement, functional, system and program specifications for implementation to the appropriate level of detail with respect to standard requirements definition, analysis and design methodology. Utilizes appropriate tools to support systems analysis and development.

- Develops, tests, debugs and maintains computer applications in Java and IIS environments. Utilizes automated testing tools.

- Directs project team members and performs the most complicated programming projects. Utilizes resources to formulate and implement solutions to business initiatives/problems. Provides guidance, advice, and direction to team members and demonstrates in-depth understanding of programming concepts.

- Provide software development, support, and maintenance services for State government web-based applications including graphic user interface and navigation paths.

- Develop new and enhance existing software applications as assigned. This includes conducting user needs assessments, documenting development, change & completion milestones, and maintaining compliance with existing standards.

- Participate in the development and implementation of standards for the specification of Internet and web environments includes, but not limited to, web security and application development.

- Prepare and complete notification/acceptance information on solution version enhancements including change orders, milestone or completion documents, support and training documentation.

- Prepare and deliver formal presentations to senior management, both orally and in writing.

- Defines, creates and maintains highly complex database structures to support User needs.

- Maintain a high level of understanding of the application systems, the software development process, development tools and languages; end-user business needs, including standards, policies, and procedures.

- Demonstrate a clear understanding of all aspects of web technologies that will enable the State to build, integrate, and deploy web-based applications that meet agency business objectives.

- Assists the user community with development and change request process. Responds to special needs/problem situations as required on a priority basis.

MINIMUM QUALIFICATIONS: See class specification for appropriate minimum qualifications.

License/Certification: Must be eligible to hold a valid New Hampshire driver's license and have access to transportation for use in statewide travel.

PREFERRED QUALIFICATIONS: Minimum five years' experience working with Internet technologies and software development products. The position requires experience in Object-oriented design languages such as Java, C# and a background in web-based browser application development for both Intranet and public facing Internet scenarios. Should be proficient using various software development languages with the following preferred: Web based browser App., JAVA, EJB, Struts, XML, JSP, PL/SQL Stored Procdure, Triggers, Apache,Weblogic, Websphere, Adobe Acrobat, HTML, Javascript, XML, and 2003 operating systems. Oracle database and TCP/IP protocol skills are desirable.

PREFERRED WORK TRAITS: Knowledge of computer techniques and information processing systems. Knowledge of the function, problems and impact of the solutions delivered and maintained as a management tool. Knowledge of Internet; Intranet; Microsoft Office; wide area networking and both central and distributed processing computer systems. Knowledge of printer and storage appliances specific to Intel based IT systems and the impact of variables on software applications. Ability to evaluate present systems, organize data and develop new systems procedures based on user input, system constraints, and prioritized responses. Ability to communicate effectively with various department and division representatives. Ability to reduce problems to basic details. Ability to work with mathematical and algebraic formulae. Ability to establish and maintain effective working relationships with customers, superiors, associates and with representatives from other state departments. Must maintain appearance appropriate to assigned duties and responsibilities as determined by the Supervisor.

DISCLAIMER STATEMENT: The supplemental job description lists the essential functions of the position and is not intended to include every job duty and responsibility specific to a position. An employee may be required to perform other related duties not listed on the supplemental job description provided that such duties are characteristic of that classification.

SIGNATURES:

I have reviewed the content of this supplemental job description with my supervisor.

Employee's Signature	Date Reviewed

Supervisor's Name and Title: <u>Rick Sheldon, IT Manager V, Position #10655</u>

I have discussed the work responsibilities outlined by this supplemental job description with the above employee.

Supervisor's Signature	Date Reviewed

Division of Personnel	Date Approved